

FIGURE 1

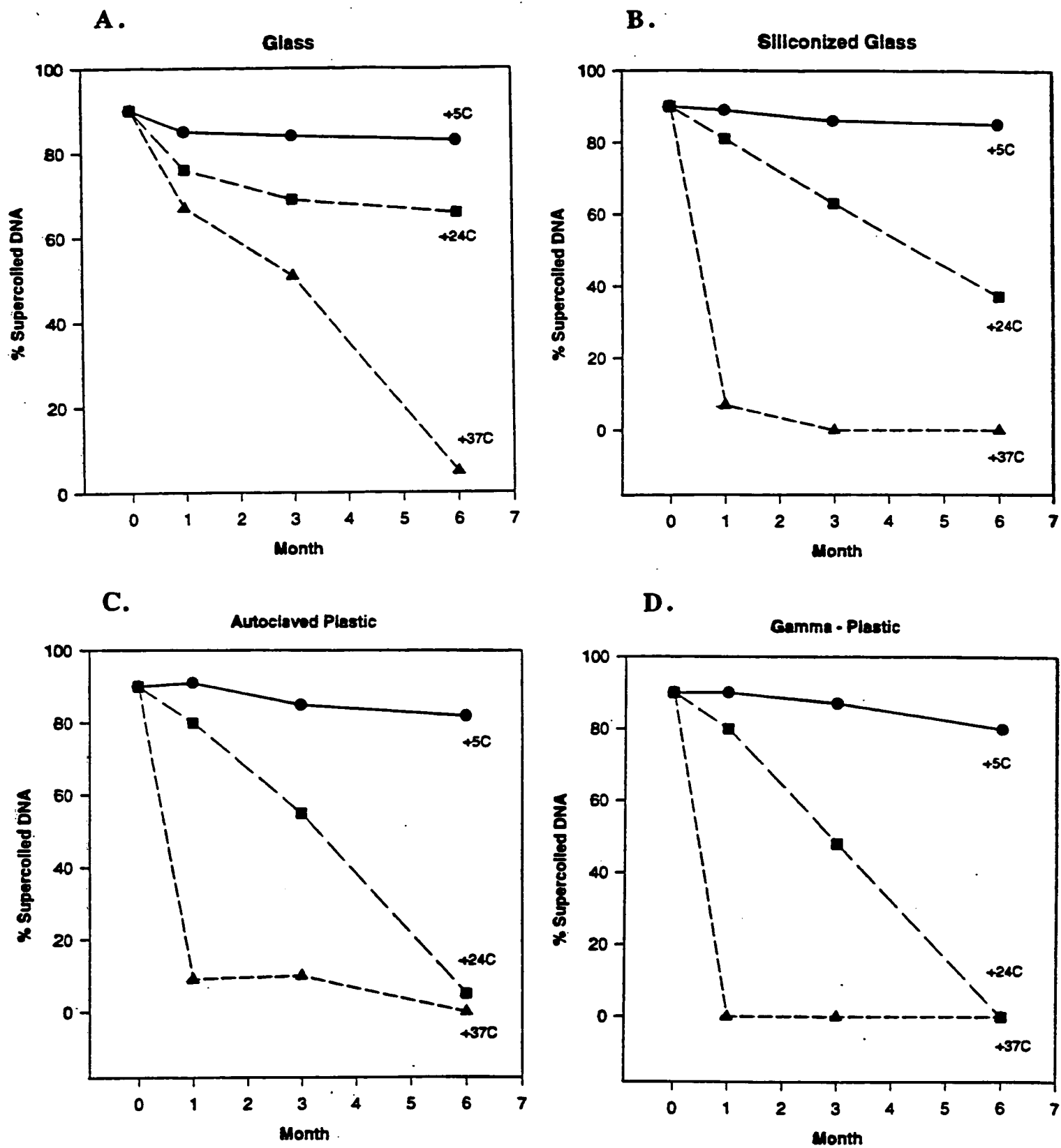


FIGURE 2

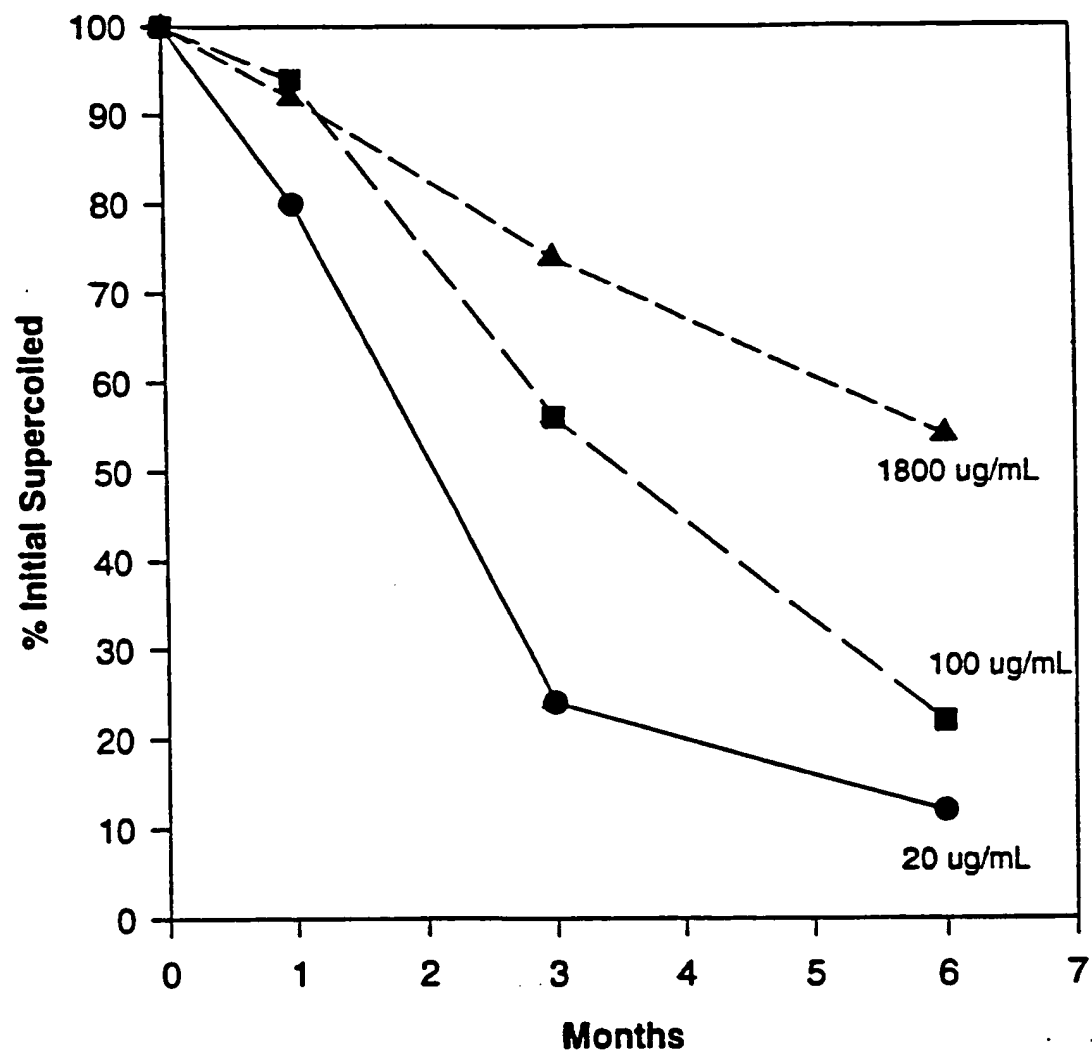


FIGURE 3

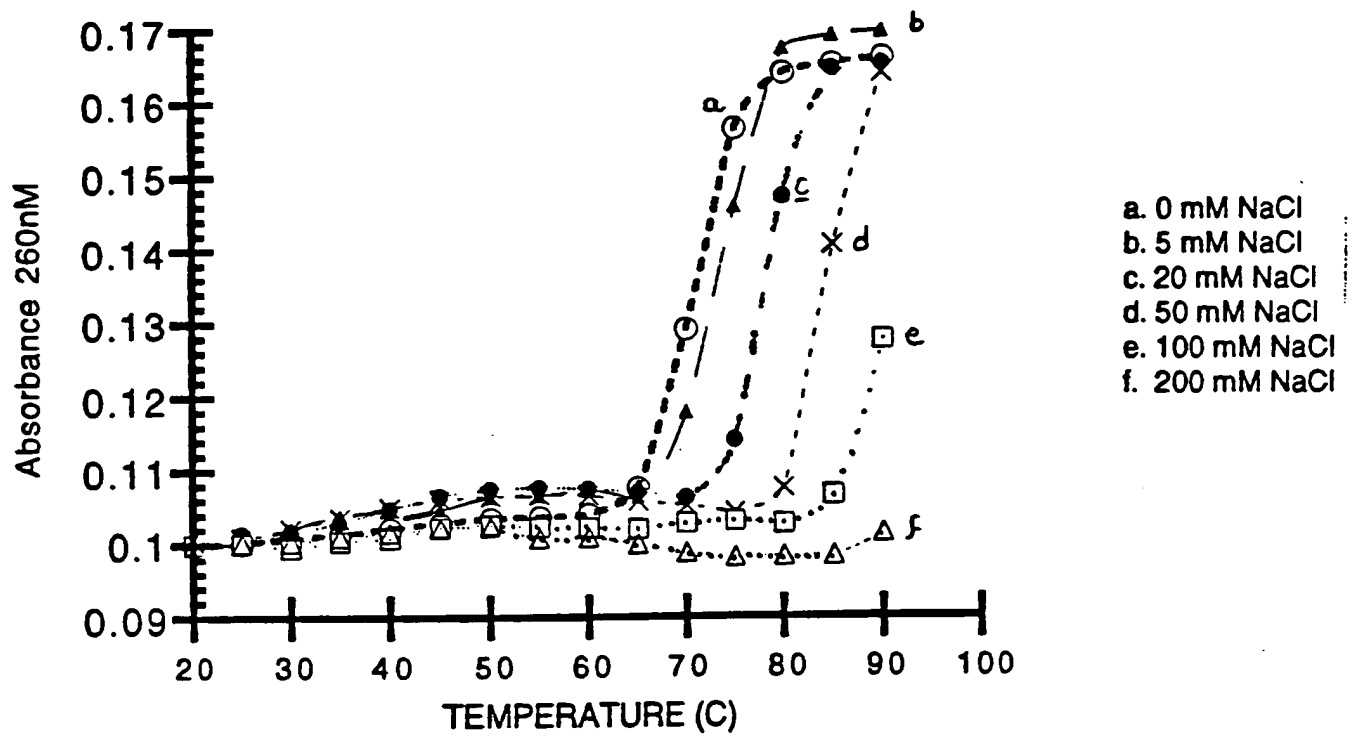


FIGURE 4

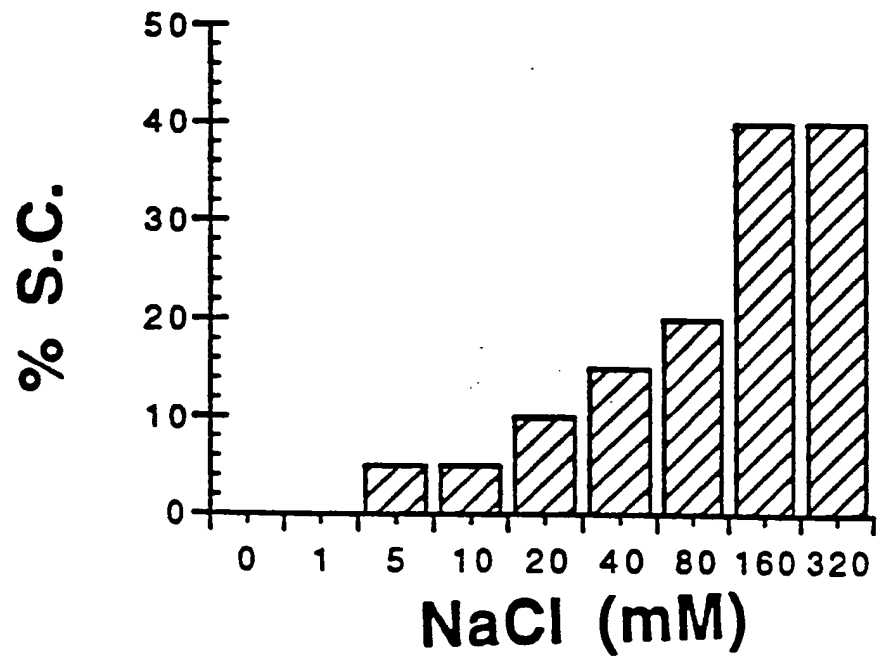


FIGURE 5

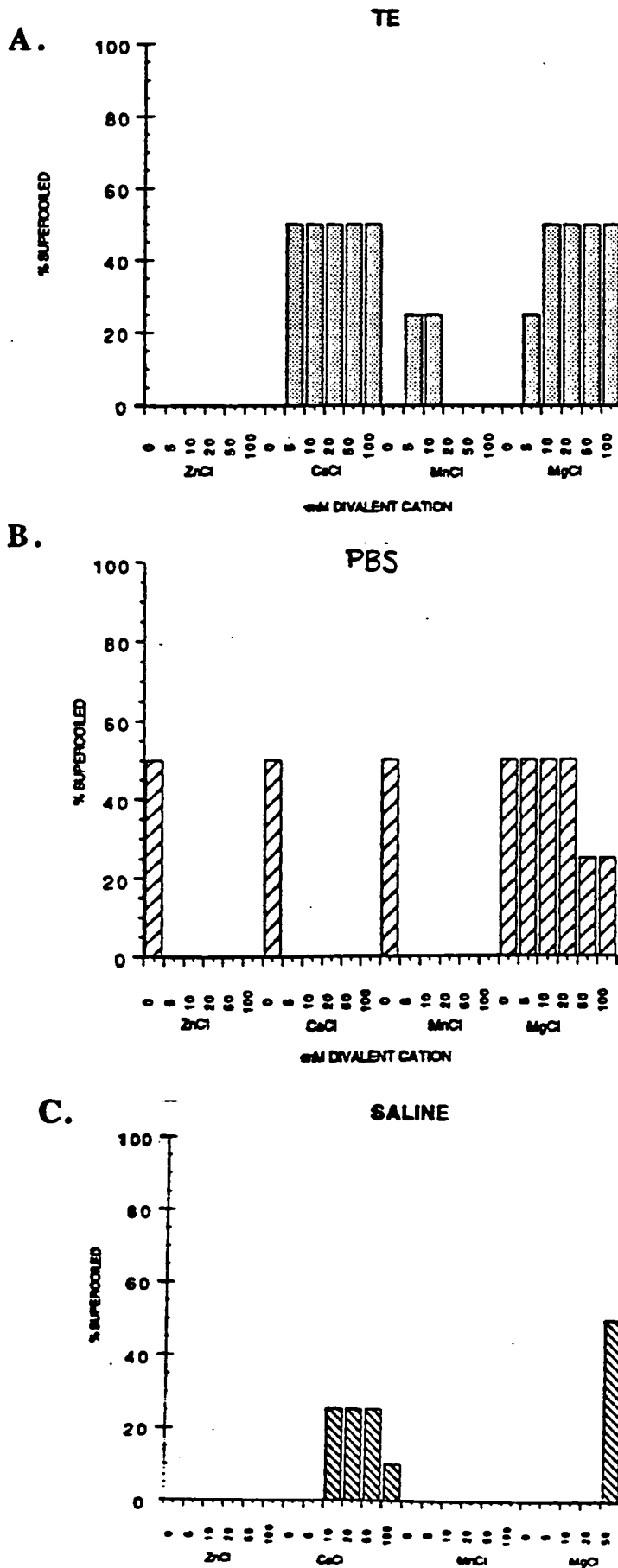


FIGURE 6

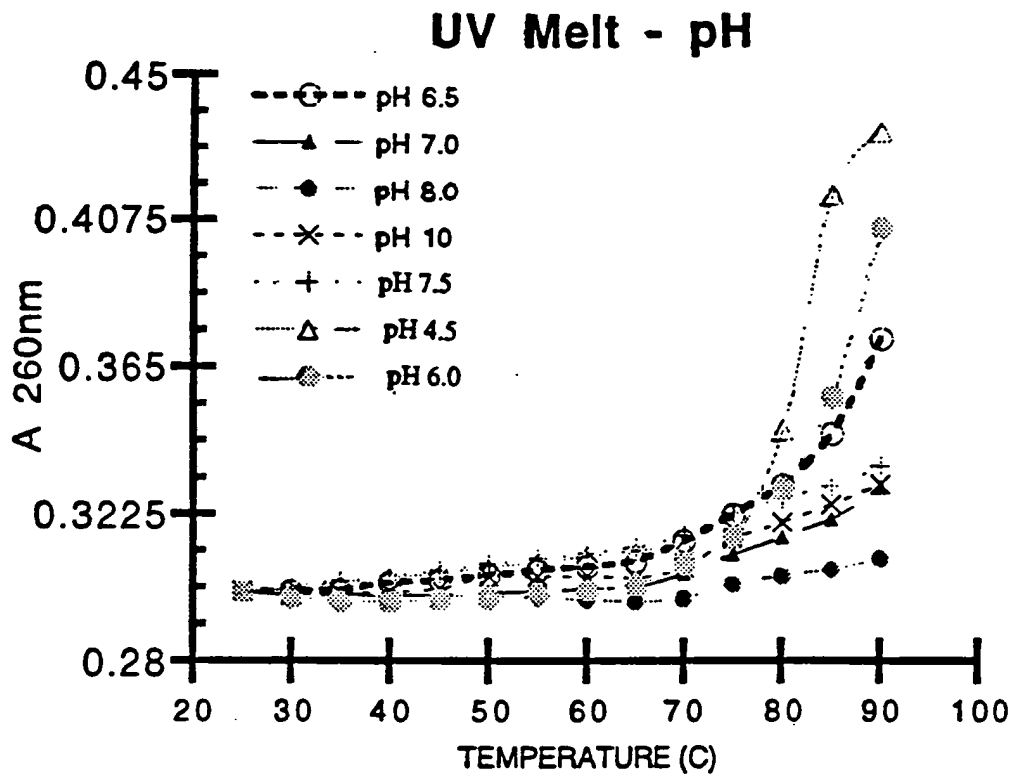


FIGURE 7

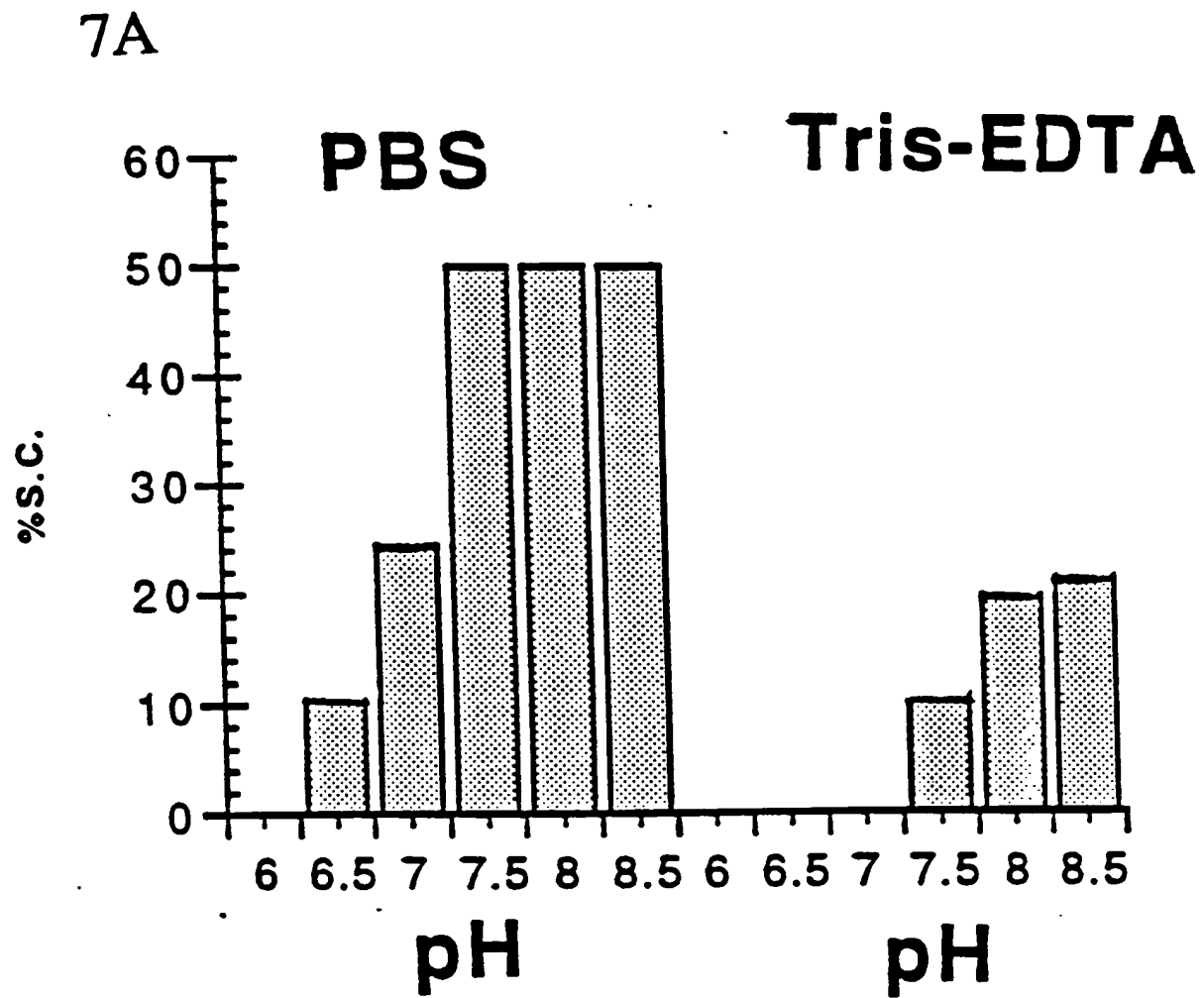


FIGURE 7 - (continued)

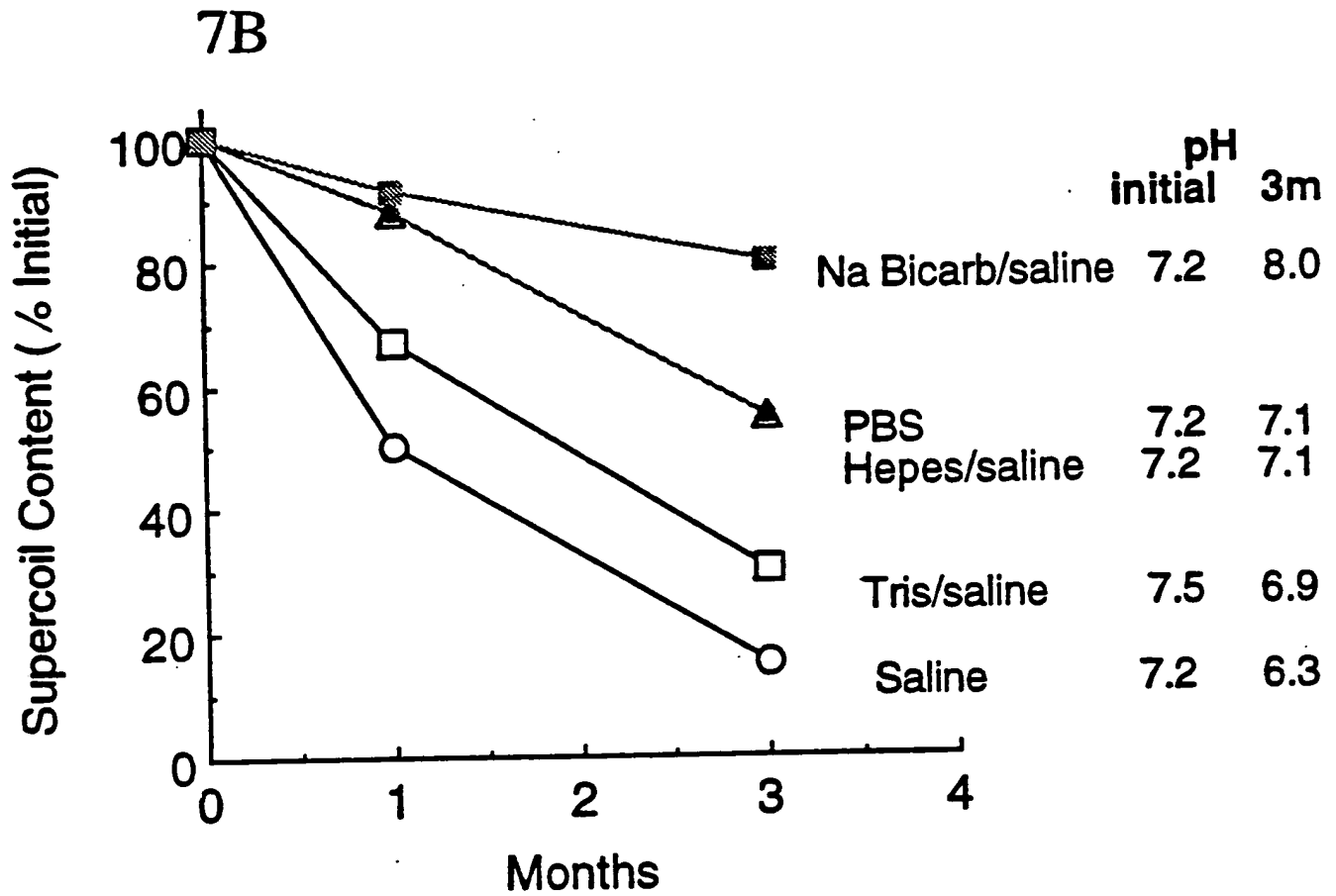


FIGURE 8

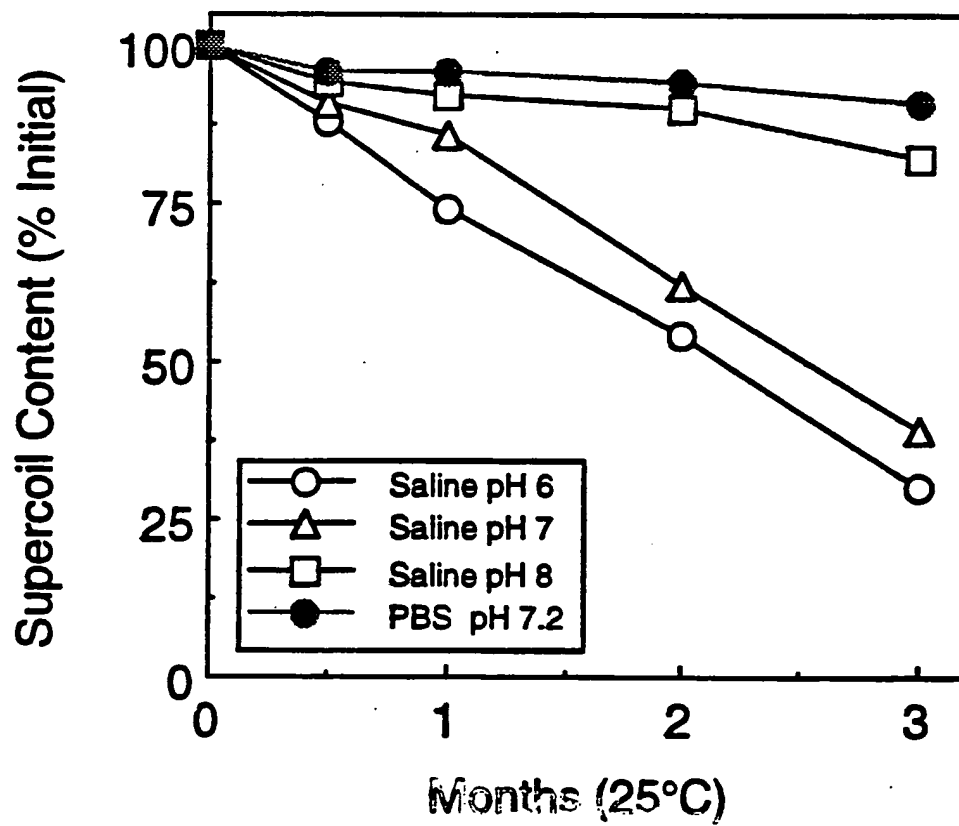
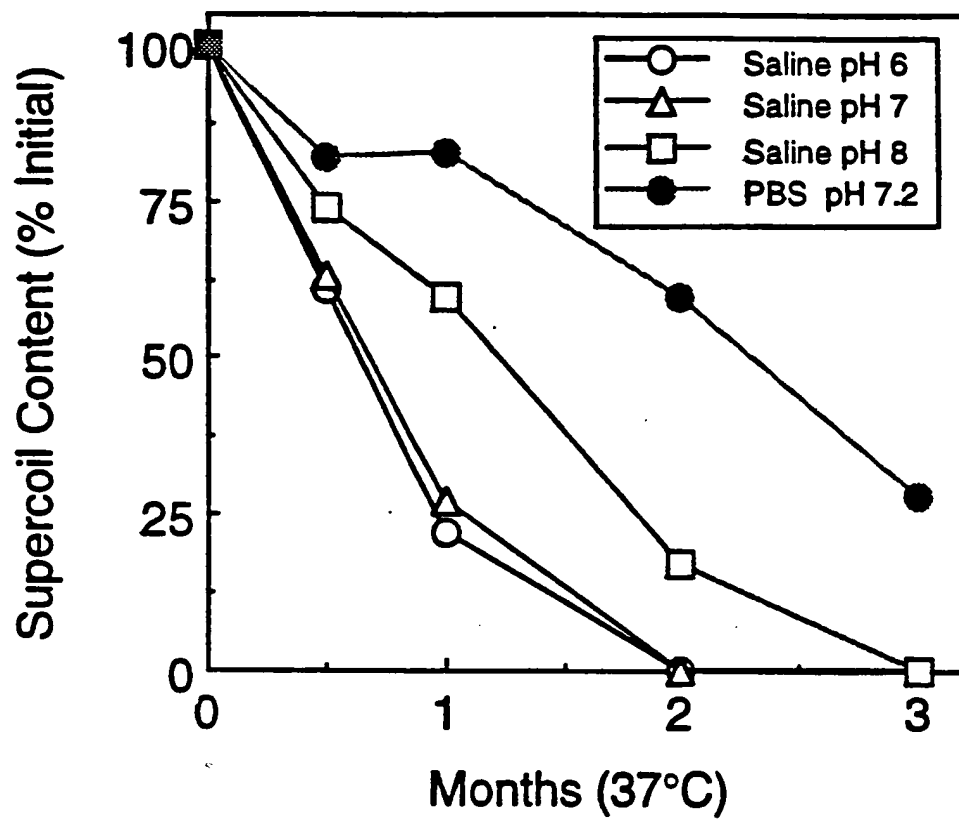


FIGURE 9

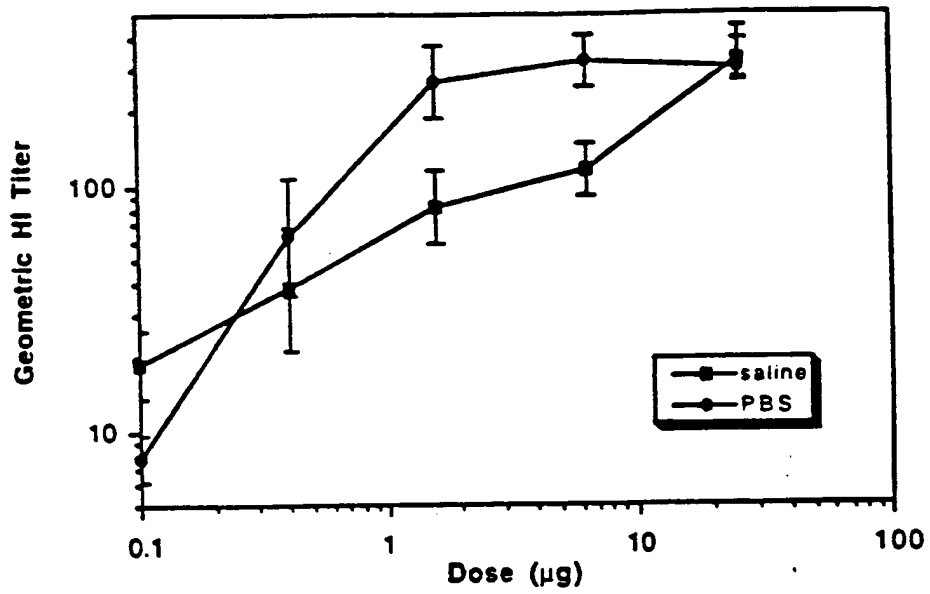


FIGURE 10

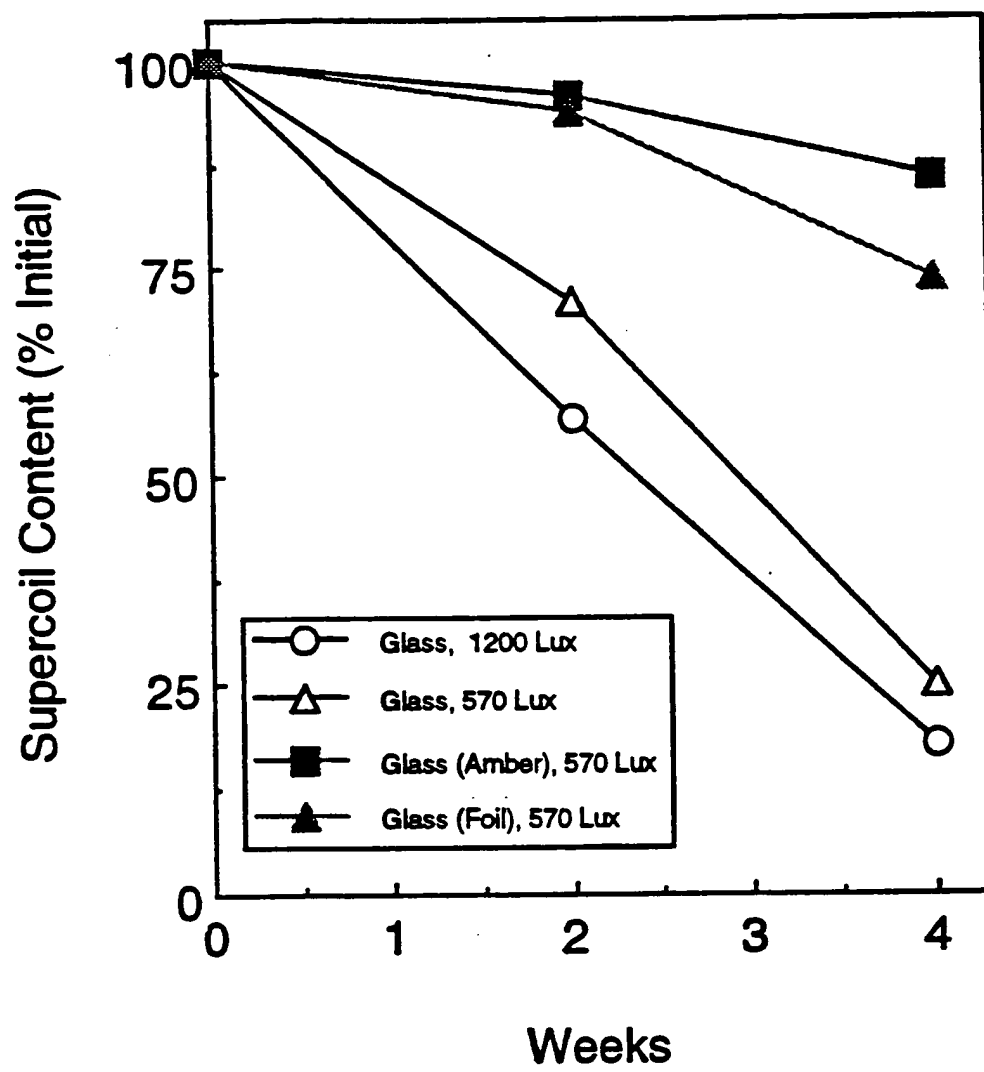


FIGURE 11

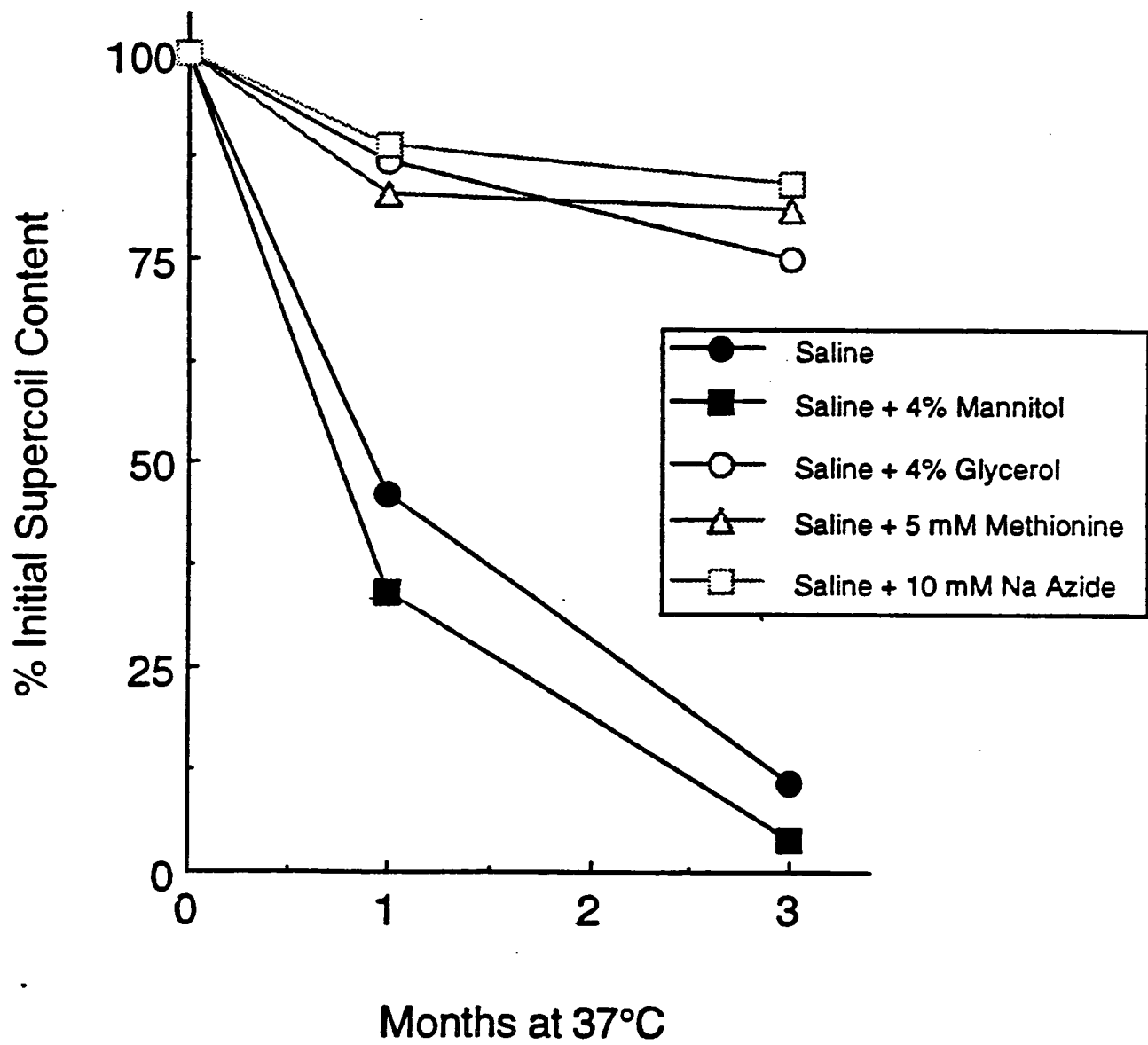


FIGURE 12

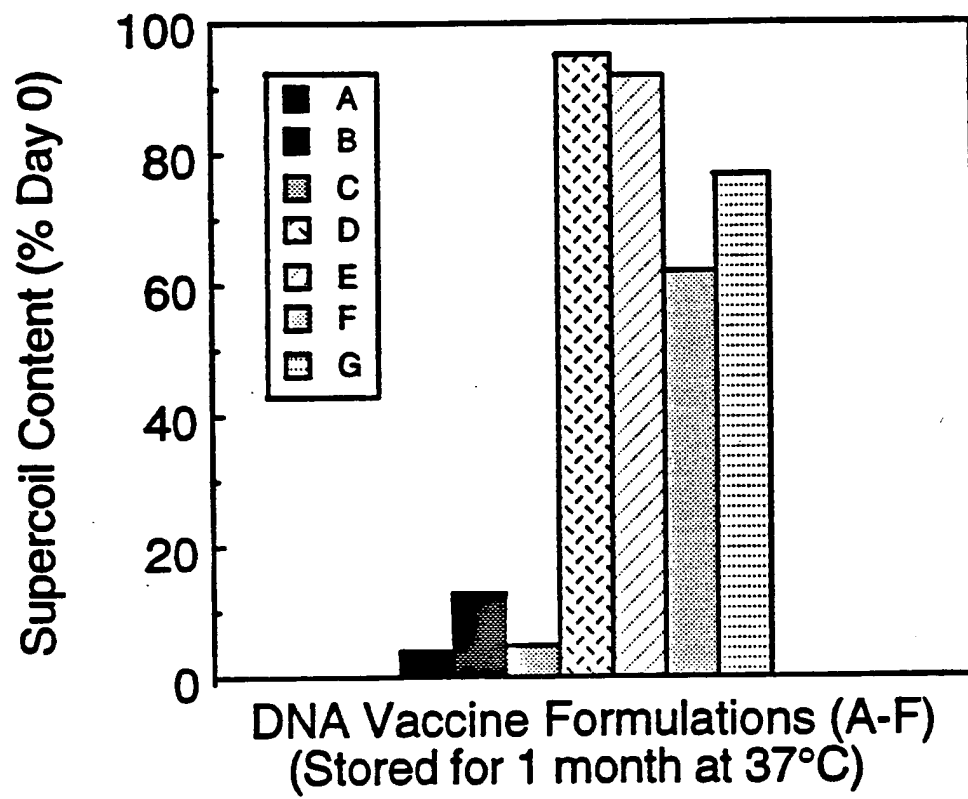


FIGURE 13

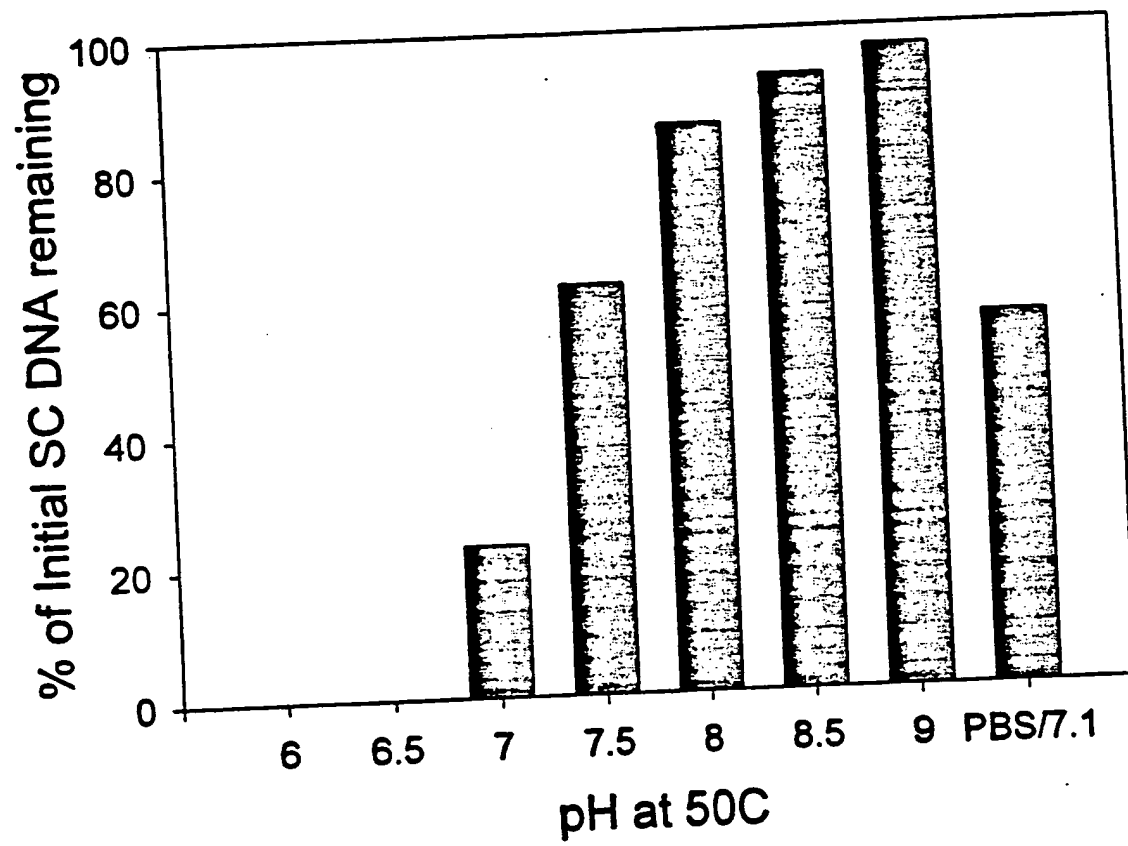
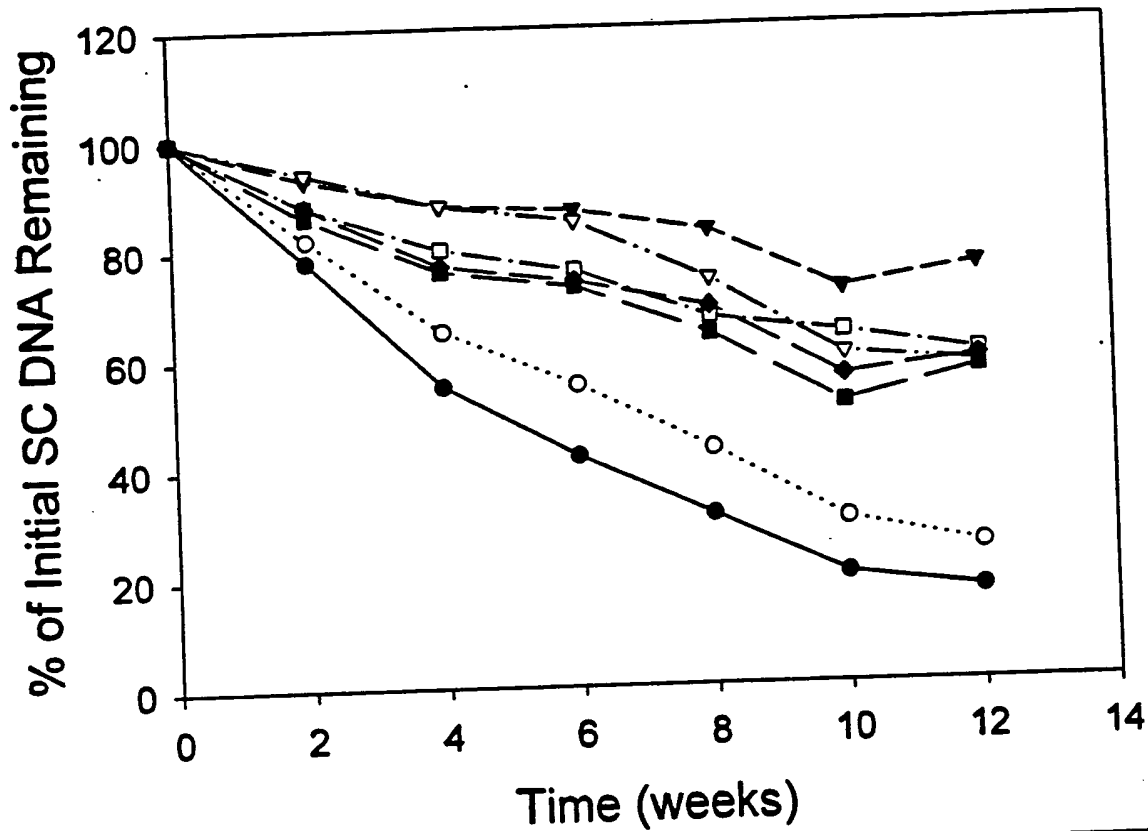


FIGURE 14



- 10 mM NaPO₄/10 mM succinate/150 mM NaCl/2% EtOH, pH 7.7
- 10 mM NaPO₄/10 mM succinate/150 mM NaCl/2% EtOH, pH 8.0
- ▼— 20 mM Glycine/10 mM succinate/150 mM NaCl/2% EtOH, pH 9.0
- ▽— 20 mM Bis-Tris-Propane/10 mM succinate/150 mM NaCl/2% EtOH, pH 9.0
- 20 mM Tris/10 mM succinate/150 mM NaCl/2% EtOH, pH 8.2
- 20 mM Bicine/10 mM succinate/150 mM NaCl/2% EtOH, pH 8.2
- ◆— 20 mM Tricine/10 mM succinate/150 mM NaCl/2% EtOH, pH 8.2

FIGURE 15

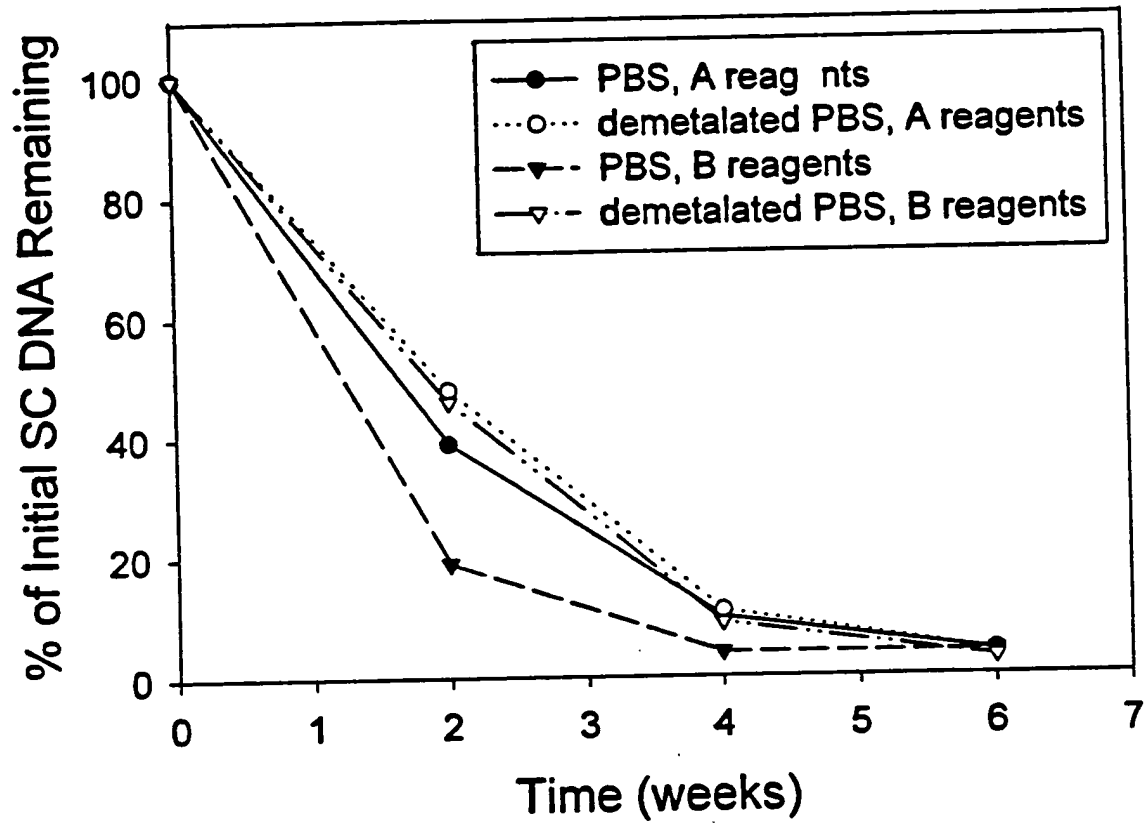


FIGURE 16

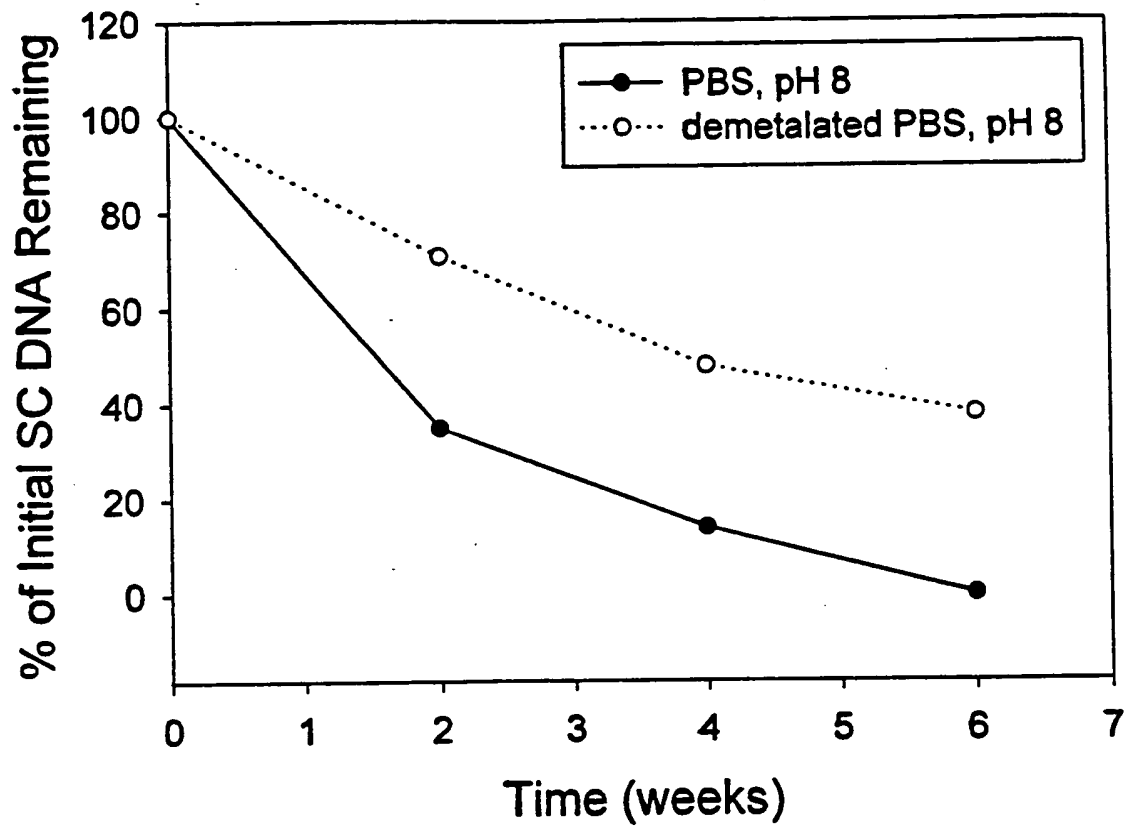


FIGURE 17

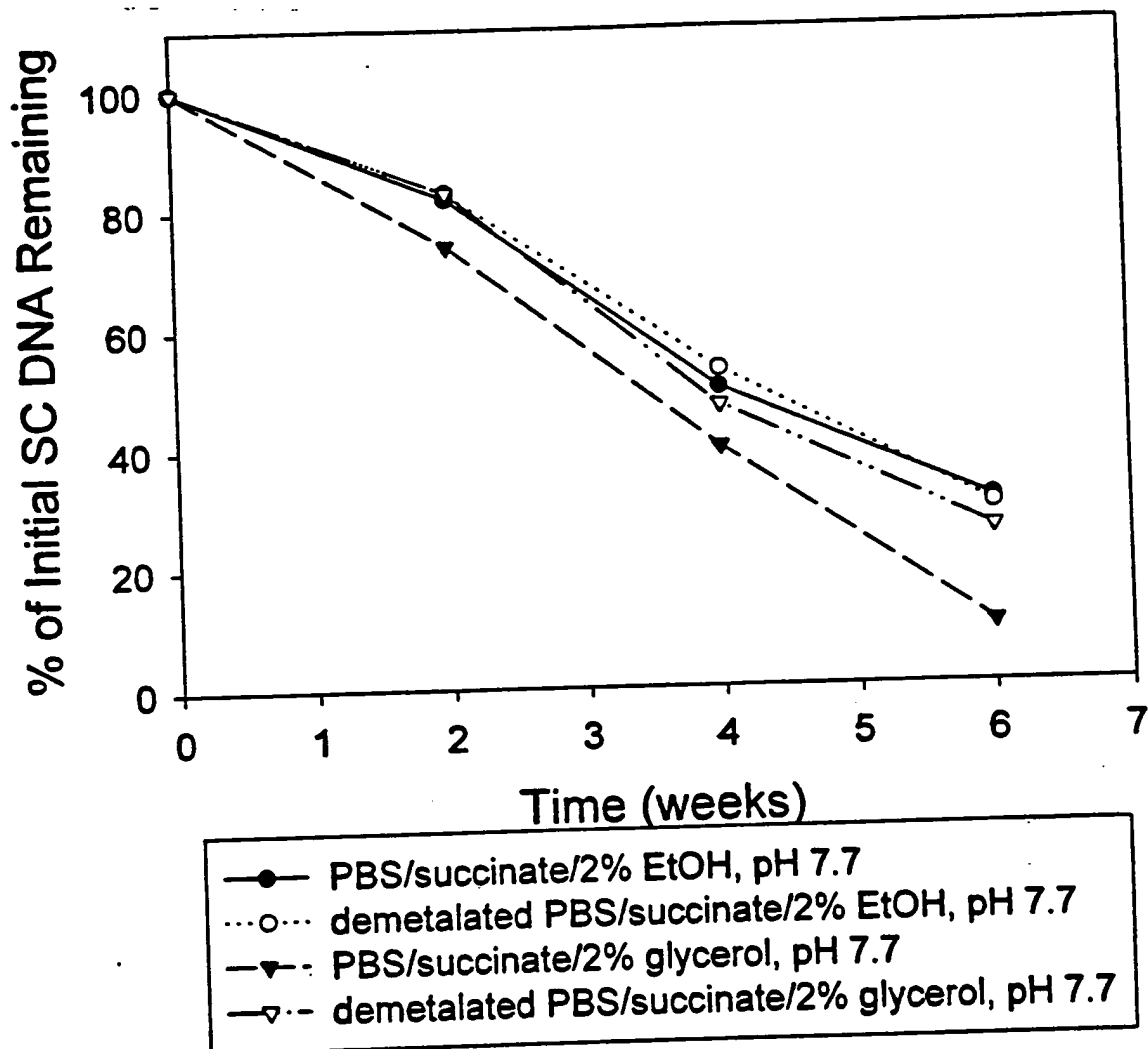


FIGURE 18

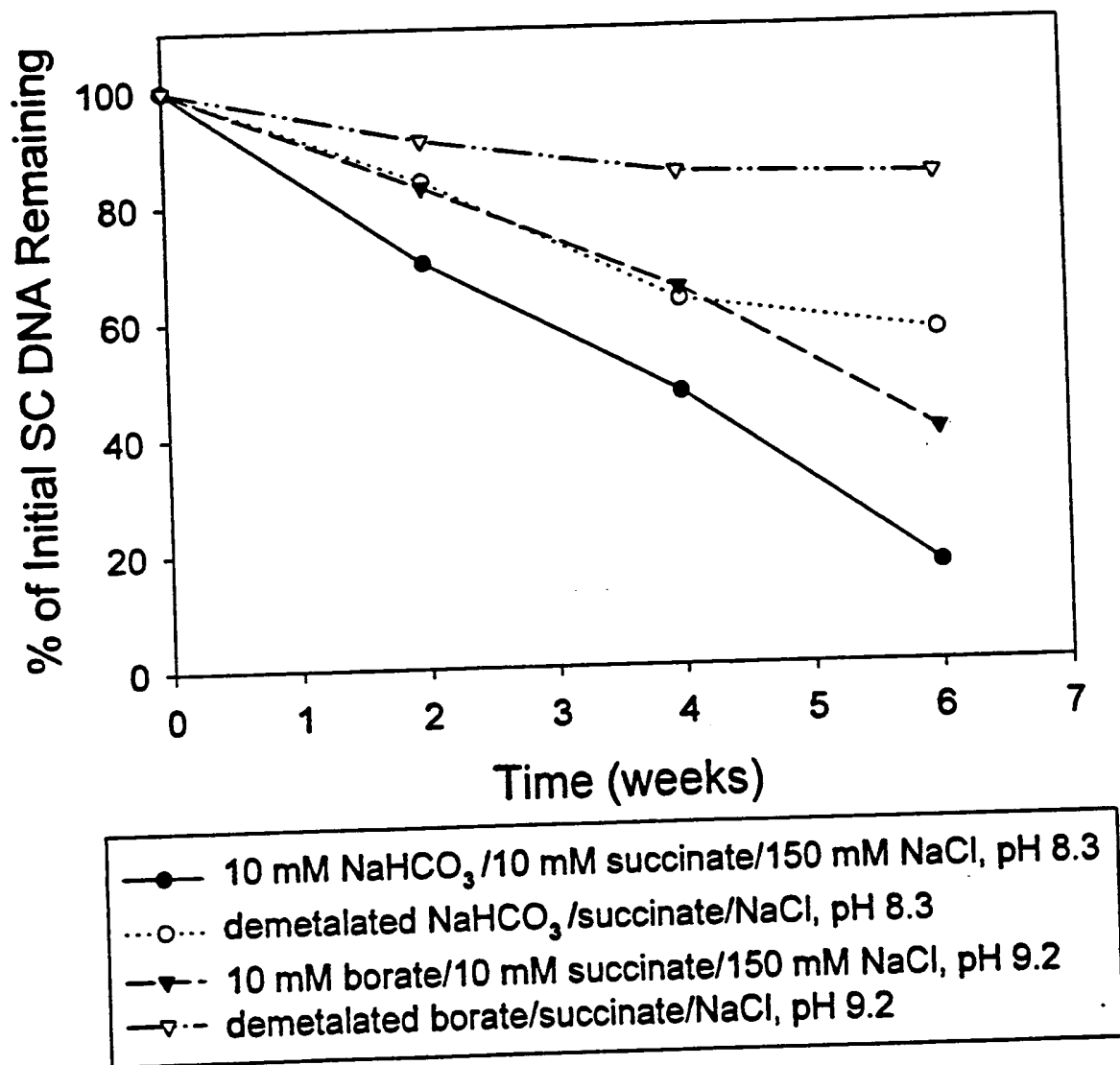
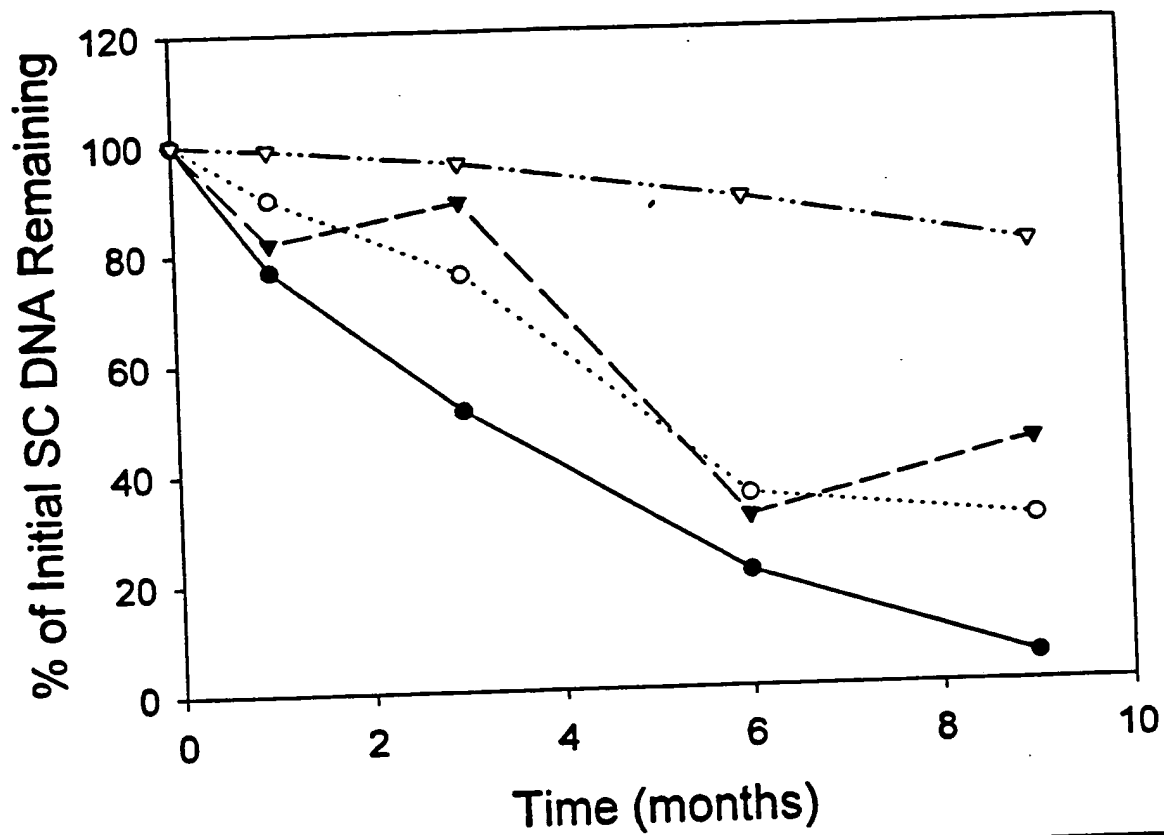


FIGURE 19



- PBS, B reagents, pH 7.2
- ...○... demetalated PBS, B reagents, pH 7.2
- ▼— 10 mM NaHCO₃/10 mM succinate/150 mM NaCl, pH 8.3
- ▽— demetalated NaHCO₃/succinate/NaCl, pH 8.3

FIGURE 20

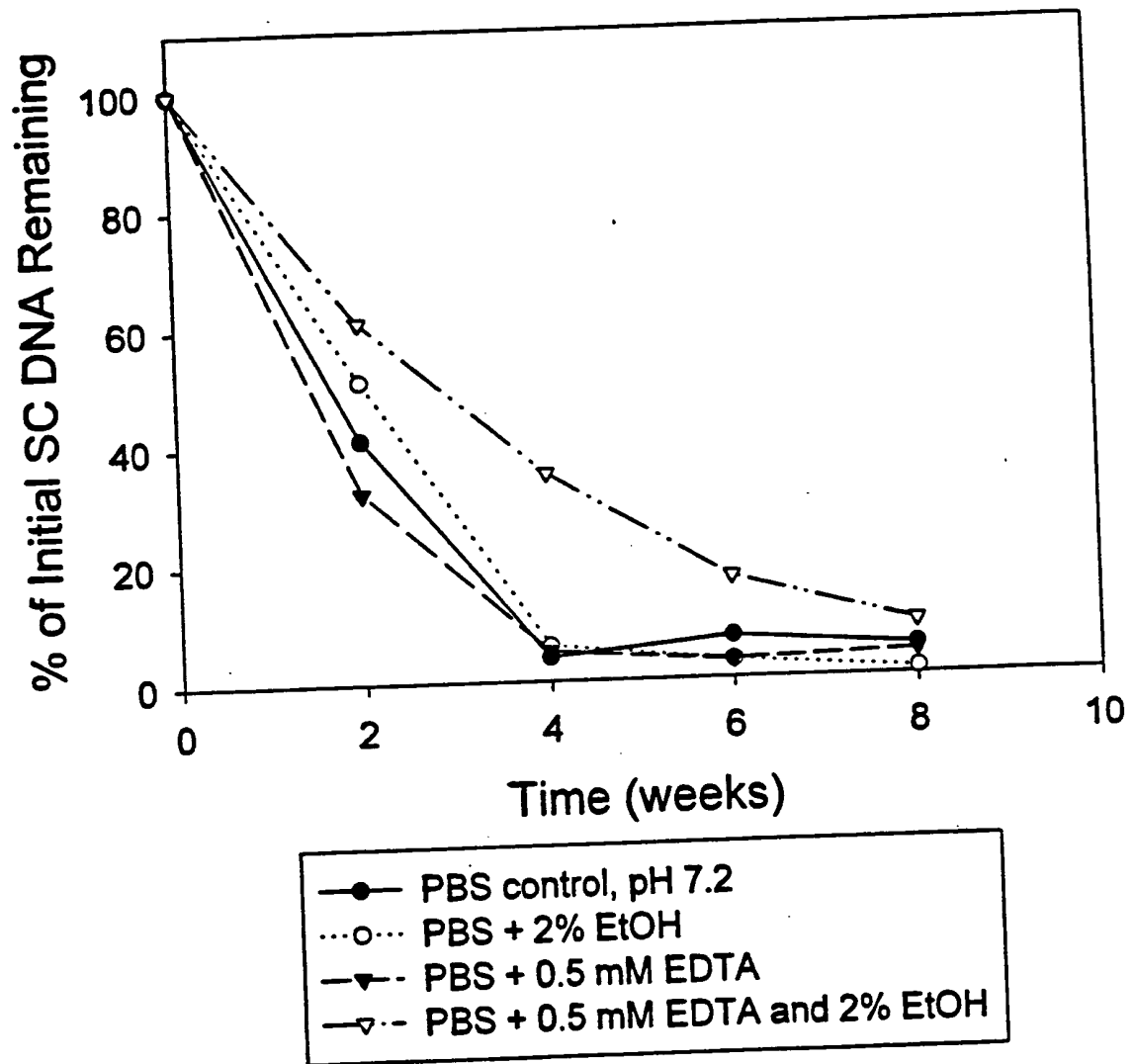


FIGURE 21

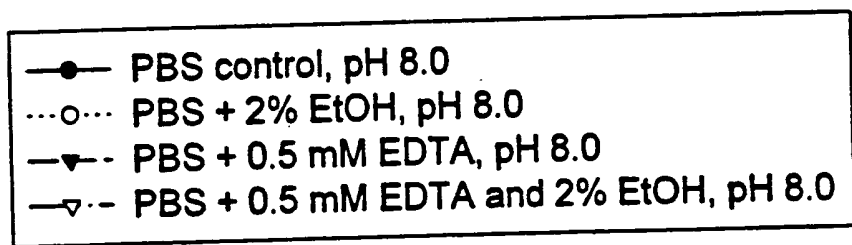
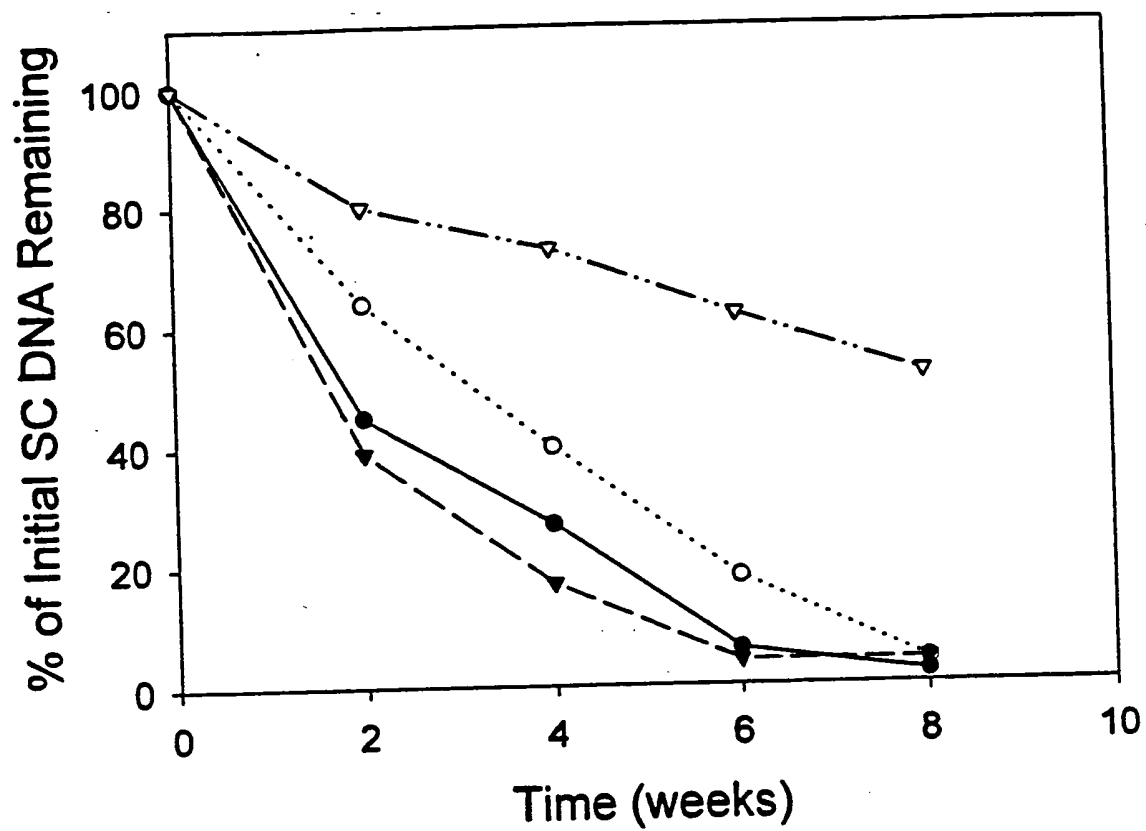


FIGURE 22

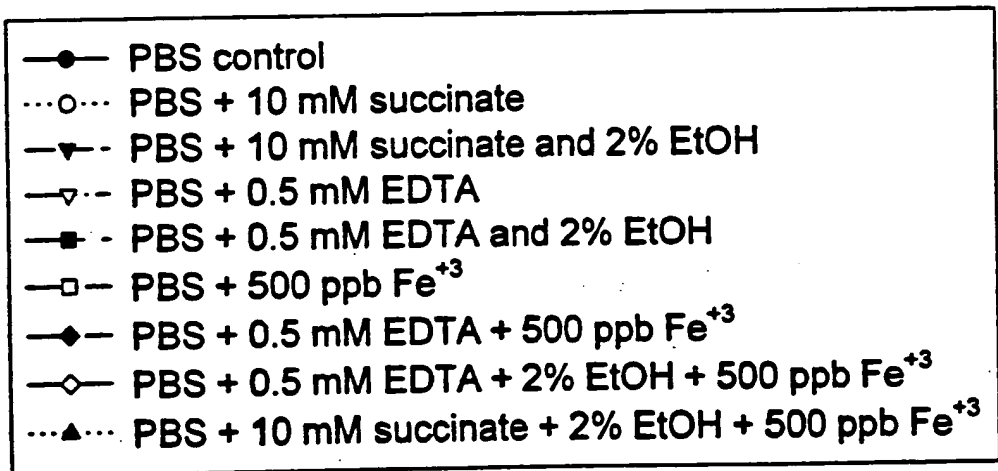
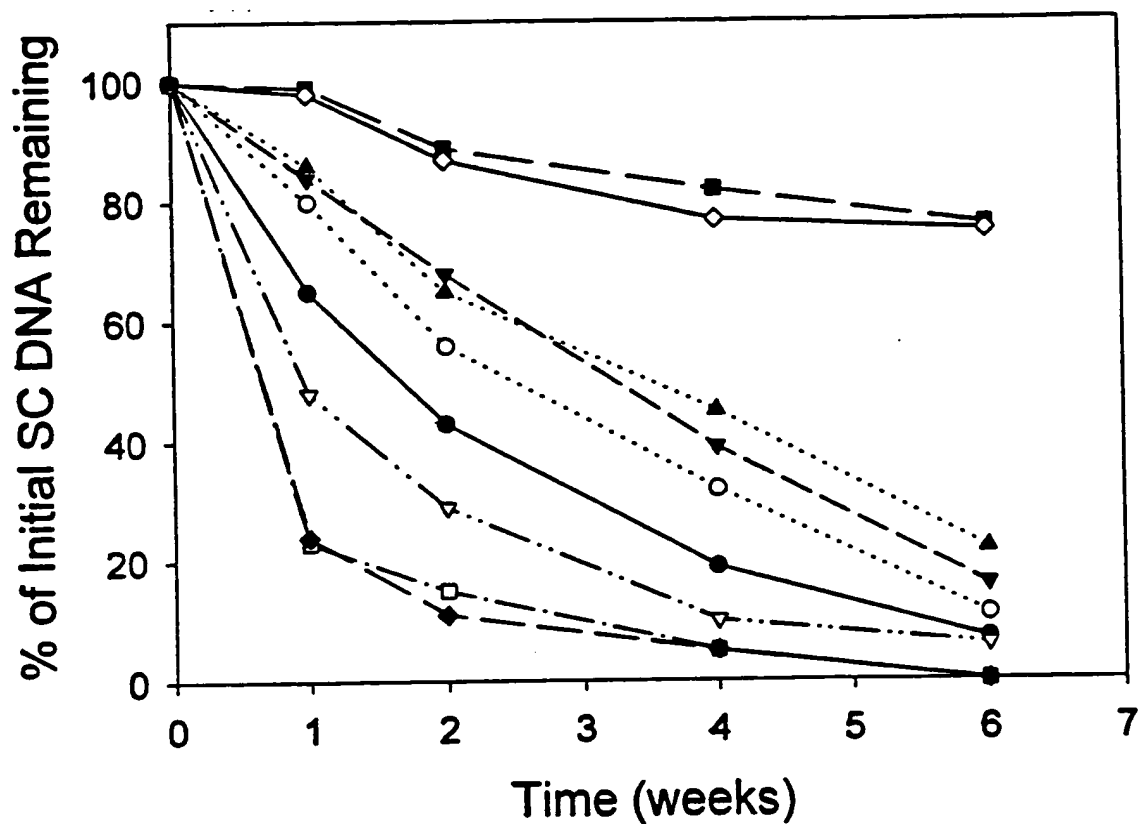
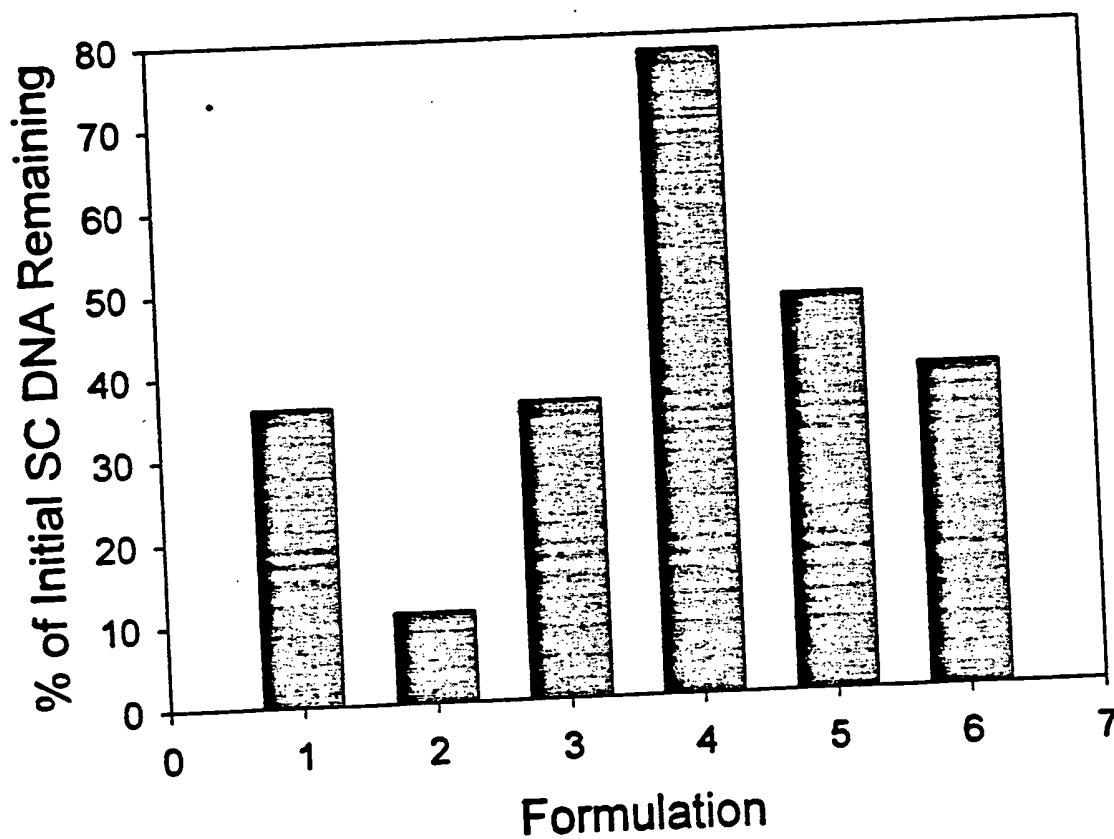
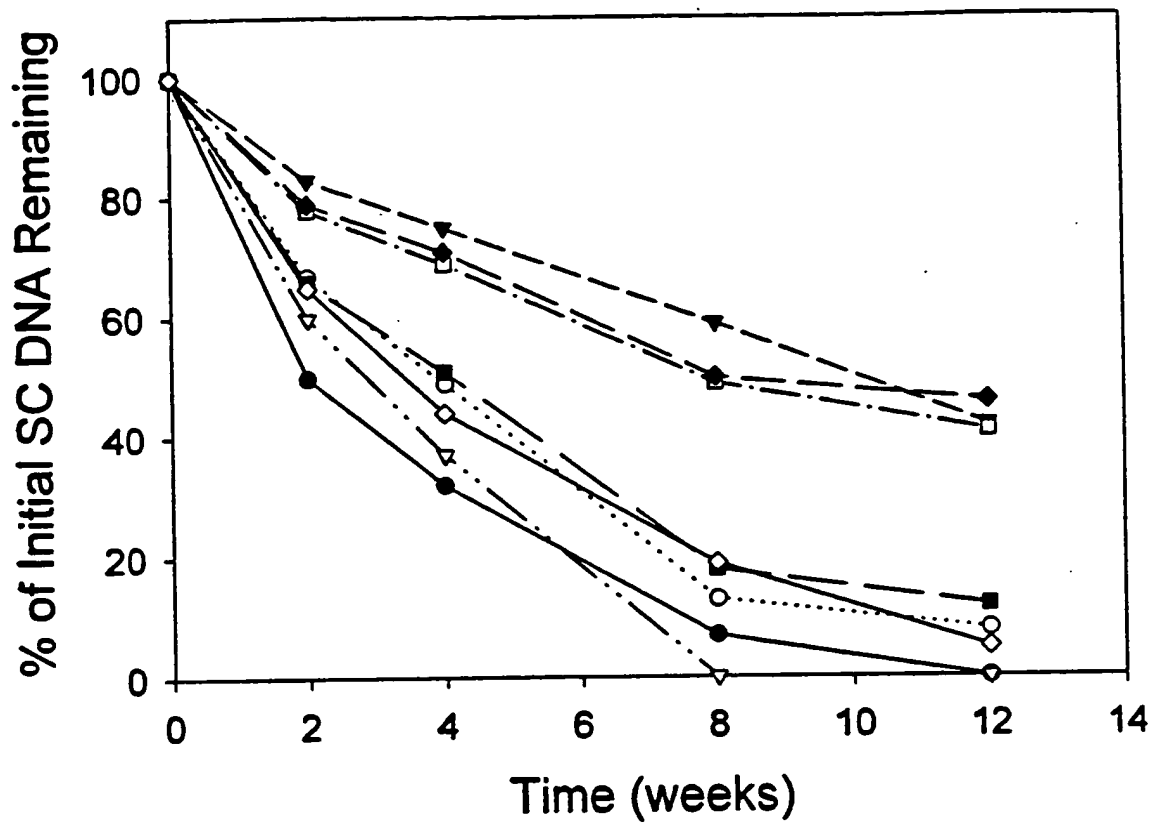


FIGURE 23



1. PBS control
2. PBS + 200 μ M EDTA
3. PBS + 200 μ M IHP
4. PBS + 200 μ M DTPA
5. PBS + 200 μ M NTA
6. PBS + 200 μ M IDA

FIGURE 24



- PBS control
- ...○... PBS + 1% EtOH
- ▼— PBS + 0.5 mM EDTA and 1% EtOH
- ▽— PBS + 10 mM gluconate + 1% EtOH
- PBS + 200 μ M IHP + 1% EtOH
- PBS + 200 μ M DTPA
- ◆— PBS + 200 μ M DTPA + 1% EtOH
- ◇— PBS + 0.5 mM salicyate + 1% EtOH

FIGURE 25

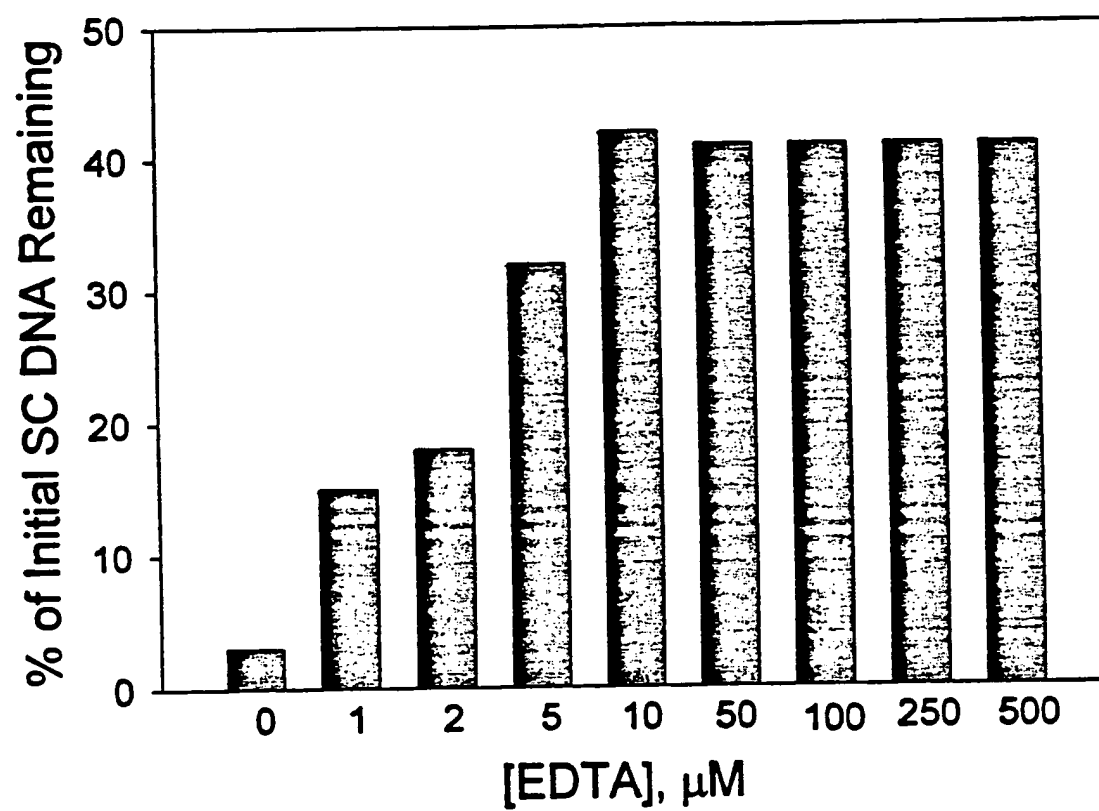


FIGURE 26

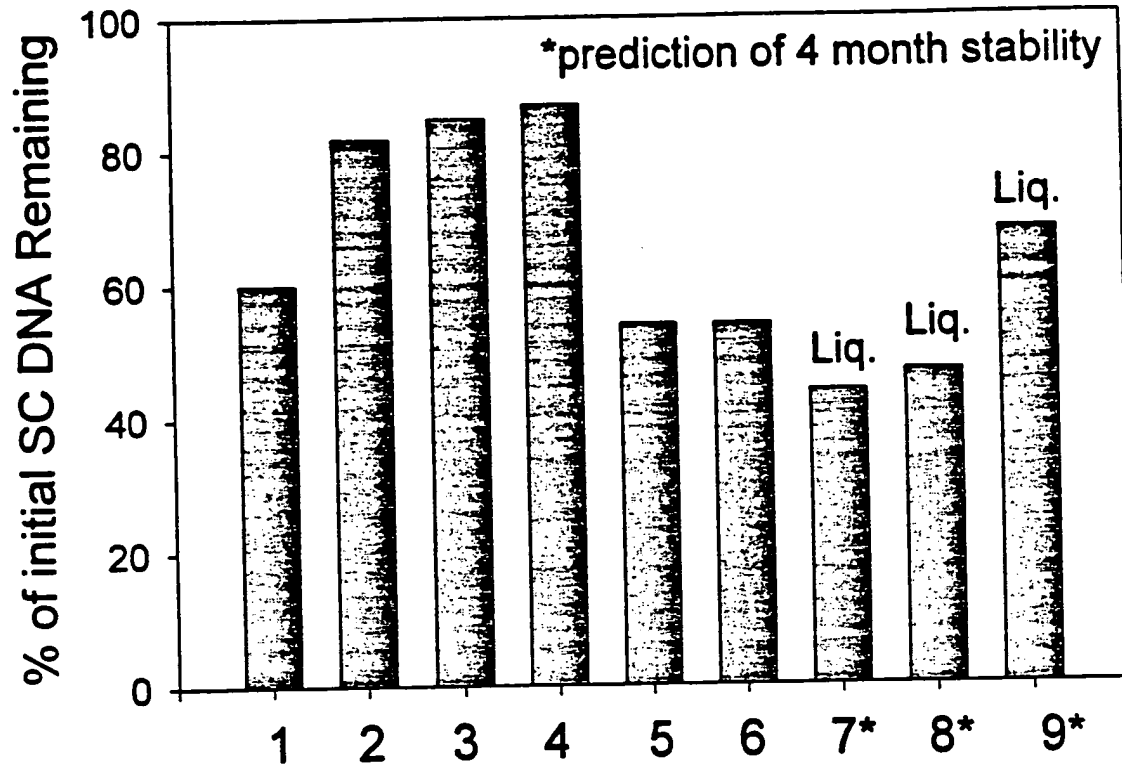


FIGURE 27

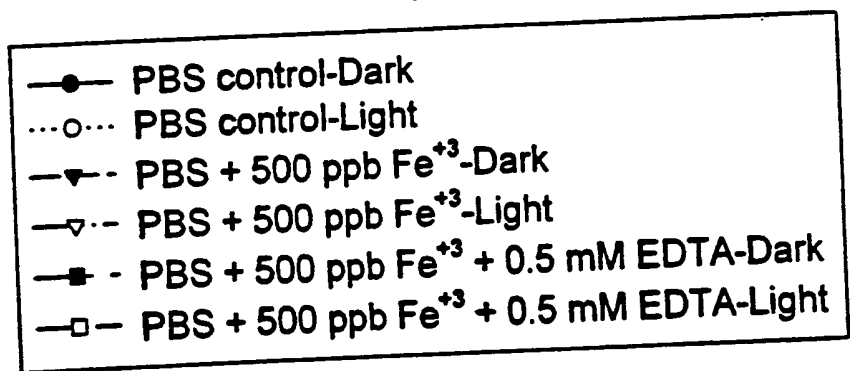
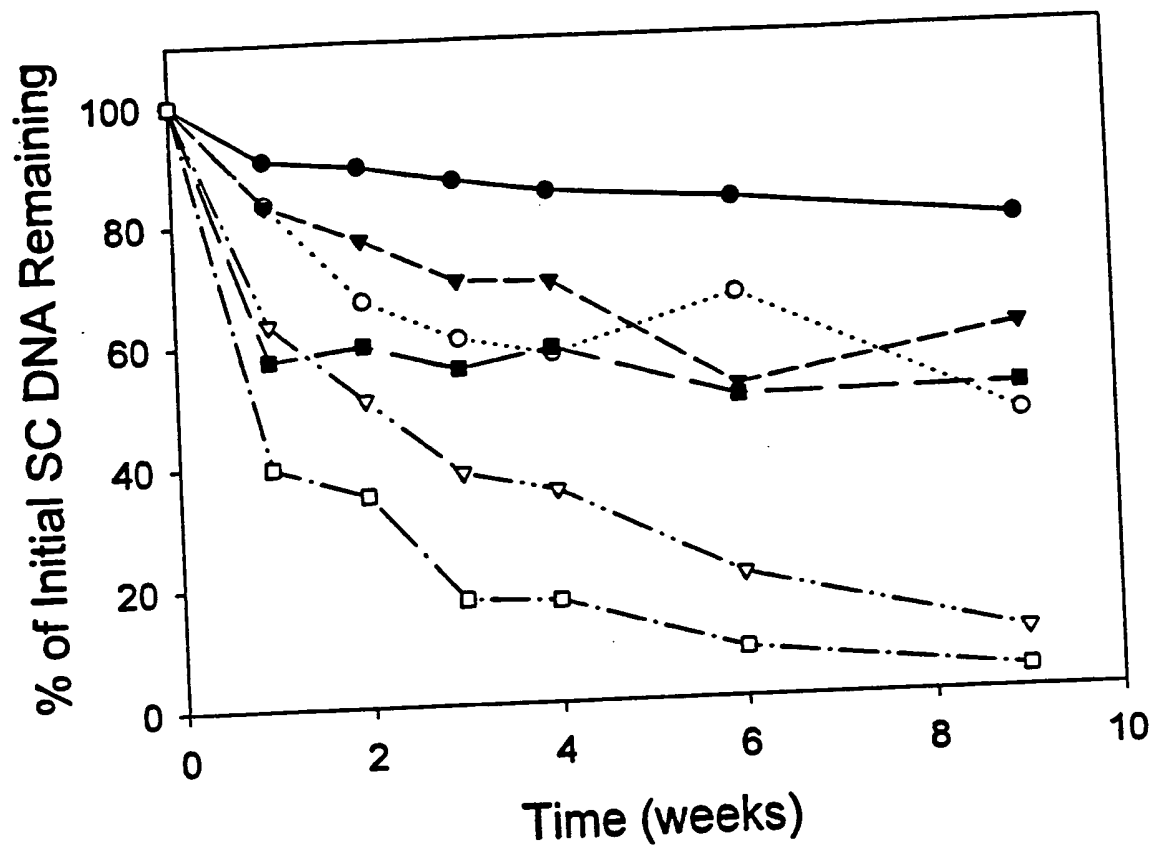
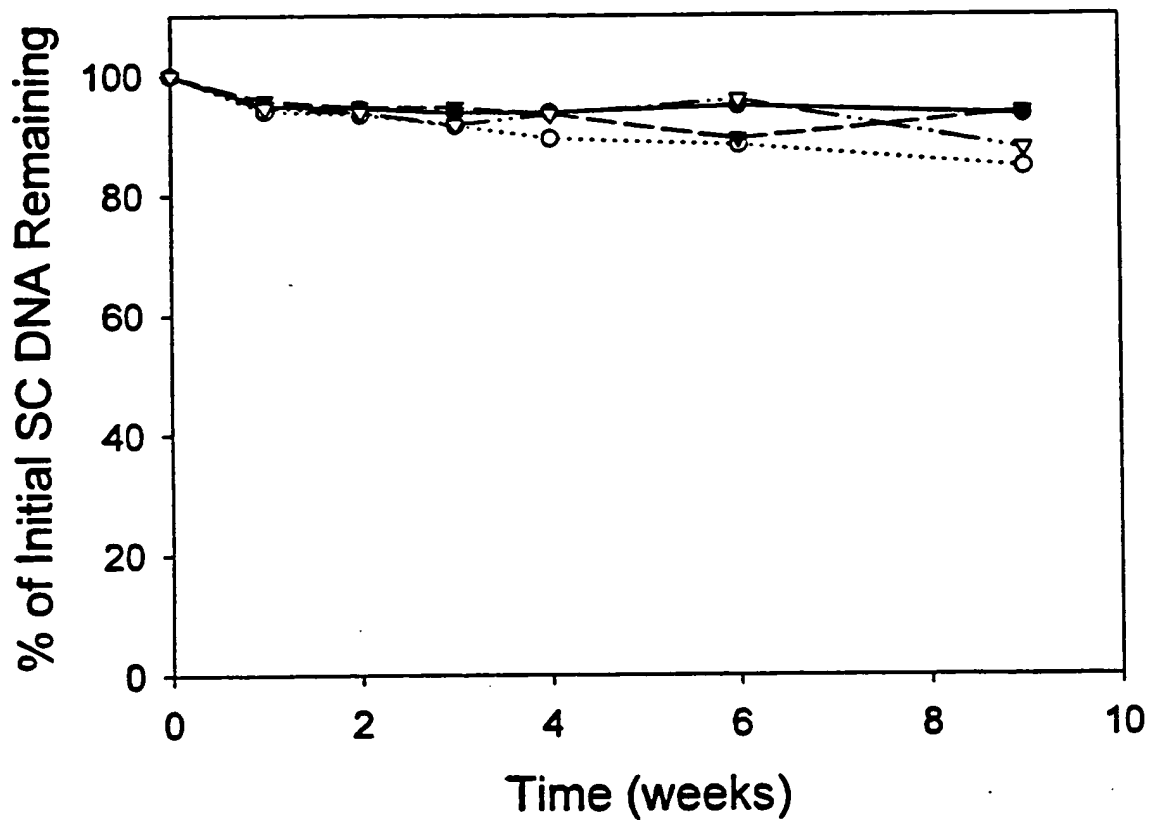


FIGURE 28



- PBS + 500 ppb Fe³⁺ + 0.5 mM EDTA + 1% EtOH-Dark
- ...○... PBS + 500 ppb Fe³⁺ + 0.5 mM EDTA + 1% EtOH-Light
- ▼— PBS + 0.5 mM EDTA + 1% EtOH-Dark
- ▽— PBS + 0.5 mM EDTA + 1% EtOH-Light

FIGURE 29

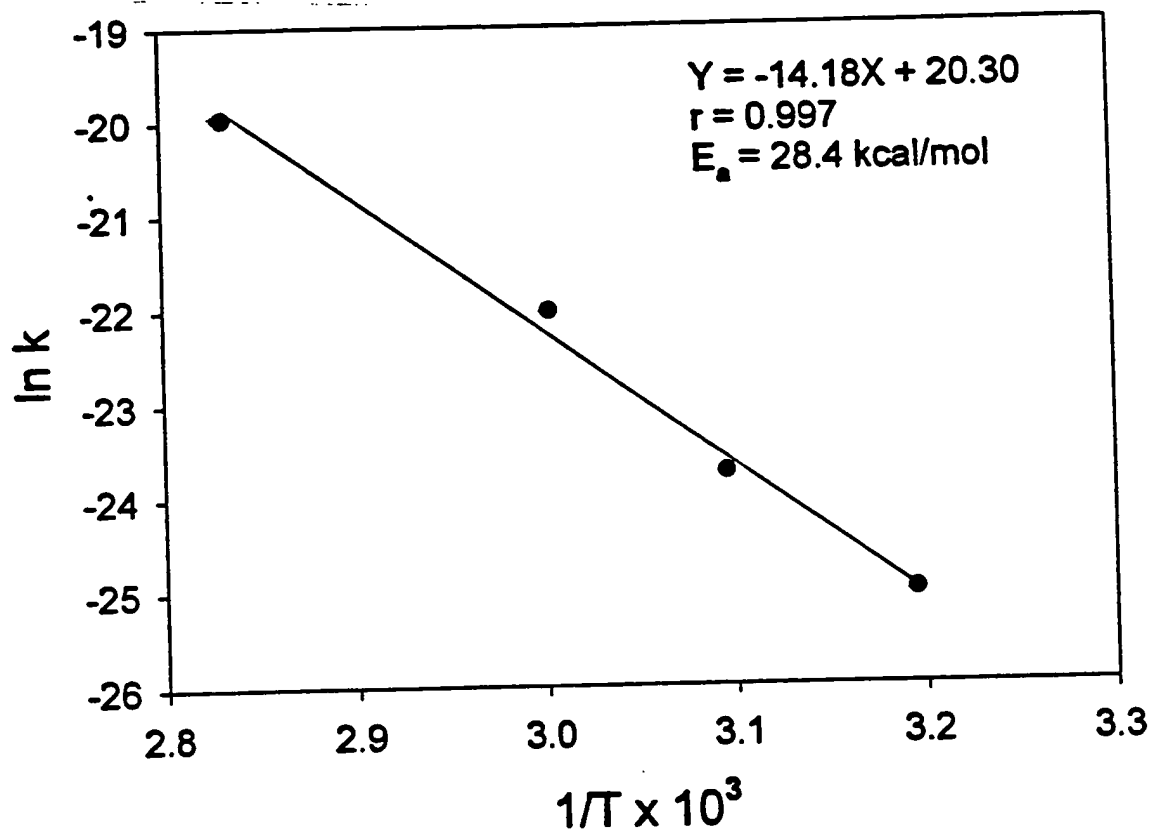


FIGURE 30

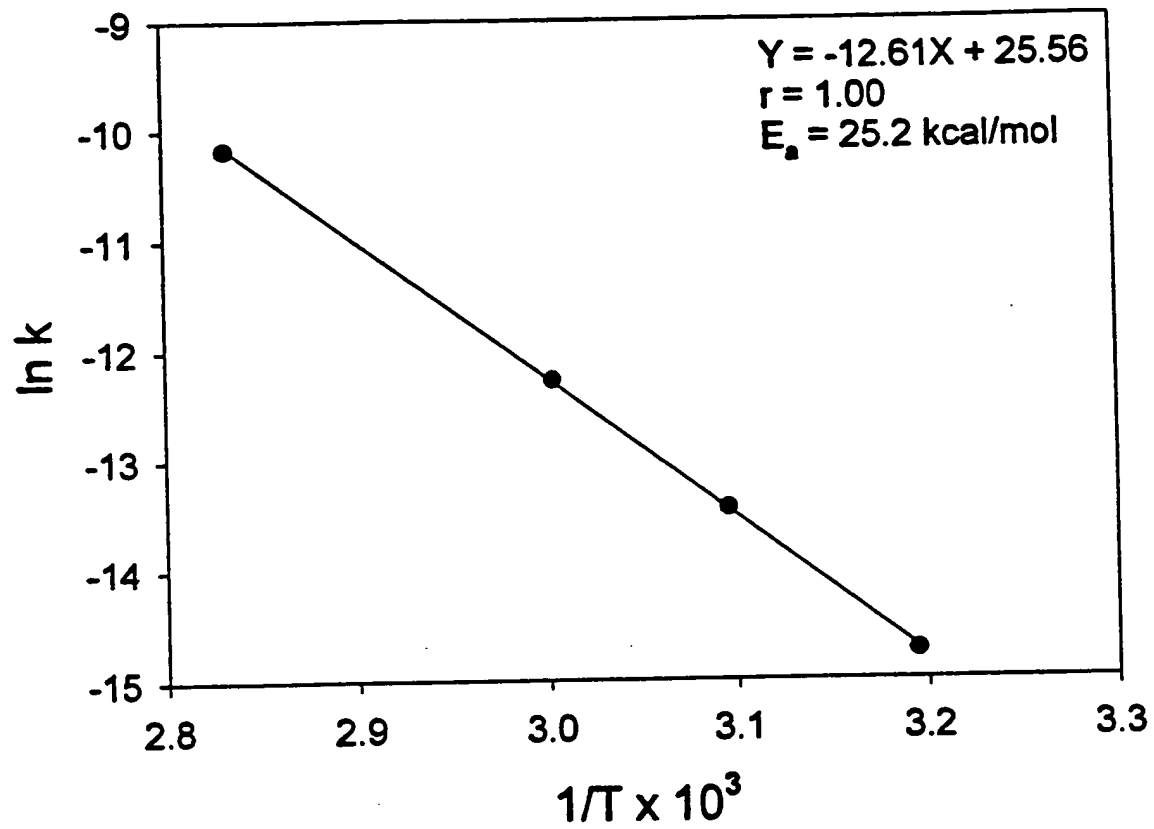


FIGURE 31

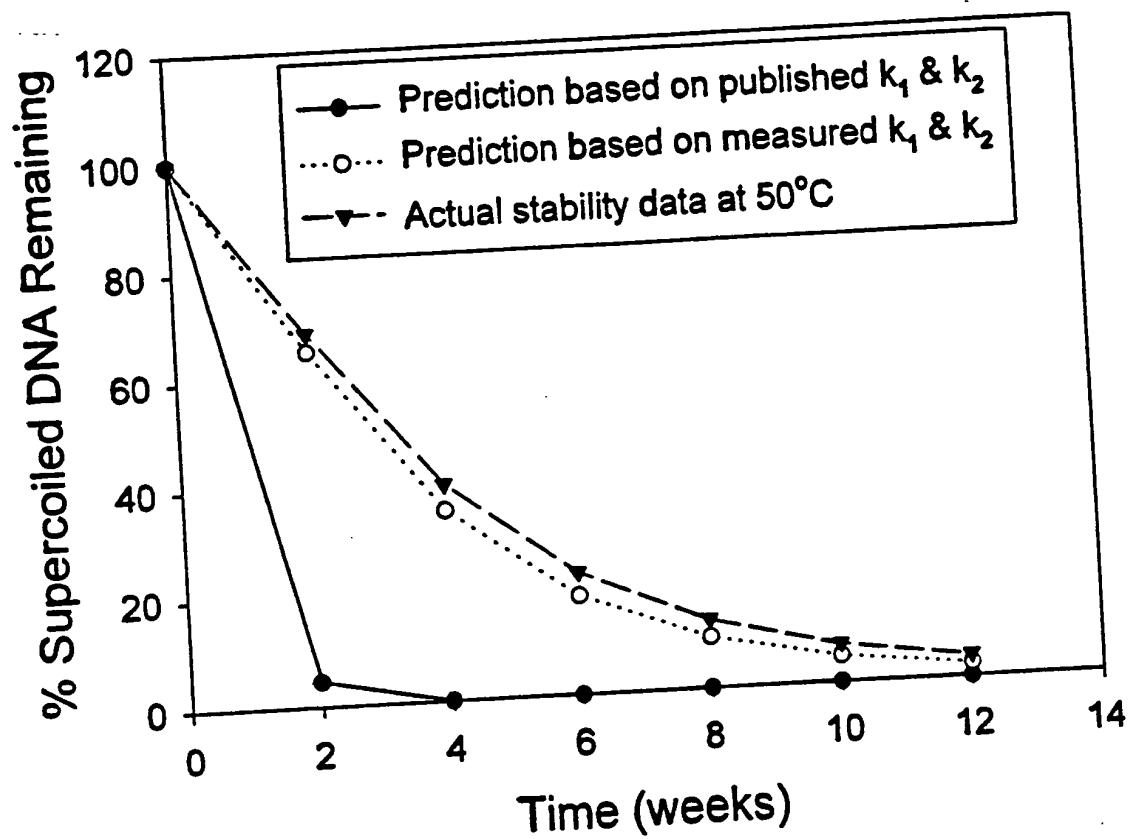


FIGURE 32

